

Listing of Claims:

1. (original): A transfective liquid crystal display device capable of balancing color difference between a reflective region and a transmissive region, comprising:
- a first substrate;
 - a second substrate;
 - a liquid crystal layer disposed between the first and the second substrates;
 - a first polarization plate arranged on the first substrate and opposite to the liquid crystal layer;
 - a second polarization plate arranged on the second substrate and opposite to the liquid crystal layer;
 - a first half-wavelength ($\lambda/2$) plate arranged between the first polarization plate and the liquid crystal layer;
 - a first quarter wavelength ($\lambda/4$) plate arranged between the first half-wavelength plate and the liquid crystal layer;
 - a first alignment film arranged between the first quarter wavelength plate and the liquid crystal layer;
 - a second half-wavelength ($\lambda/2$) plate arranged between the second polarization plate and the liquid crystal layer;
 - a second quarter wavelength ($\lambda/4$) plate arranged between the second half-wavelength plate and the liquid crystal layer;
 - a second alignment film arranged between the second quarter wavelength plate and the liquid crystal layer;
 - a reflective electrode and a transparent electrode arranged in-plane between the second

alignment film and the second substrate; and

a backlight arranged on a surface of the second polarization plate and opposite to the second substrate,

wherein

a twist angle of the liquid crystal is 40° to 80° , a retardation $(\Delta n \times d)_{LC}$ of the liquid crystal is 200 to 300 nm,

an angle (β_{up}) between a rubbing direction of the first alignment film and a transmissive axis of the first polarization plate is -20° to -60° ,

an angle (β_{down}) between a rubbing direction of the second alignment film and a transmissive axis of the second polarization plate is -20° to 20° ,

an angle (θ_{up}) between the transmissive axis of the first polarization plate and a retardation axis of the first half-wavelength $(\lambda/2)$ plate is 60° to 110° ,

an angle (θ_{down}) between the transmissive axis of the second polarization plate and a retardation axis of the second half-wavelength $(\lambda/2)$ plate is -30° to 20° ,

an angle between the retardation axis of the first half-wavelength $(\lambda/2)$ plate and a retardation axis of the first quarter wavelength $(\lambda/4)$ plate is 30° to 100° , and

an angle between the retardation axis of the second half-wavelength $(\lambda/2)$ plate and a retardation axis of the second quarter wavelength $(\lambda/4)$ plate is 30° to 80° .

2. (original): The transfective liquid crystal display device of claim 1, wherein a retardation of the first and the second half-wavelength $(\lambda/2)$ plates is 220nm to 280nm.

3. (original): The transflective liquid crystal display device of claim 1, wherein a retardation of the first and the second quarter wavelength ($\lambda/4$) plates is 110nm to 150nm.